

In r Patent Application of
Stephen E. Frazier
Serial No. 09/923,764
Filed August 7, 2001

E1
64.(currently amended) A process of making an enhanced activated carbon having an increased adsorptive capacity over activated carbon for ~~adsorbing dissolved chlorine dissolved in water~~, the process comprising:

contacting the activated carbon with an aqueous solution having up to about 10% by weight of an enhancer comprising potassium iodide; and
drying the activated carbon by a first heating at a temperature of less than about 130° C, followed by a second heating at a temperature of at least 130° C.

E2
65.(previously amended) The process of Claim 64, wherein contacting is for a time sufficient to saturate the activated carbon with the enhancer.

66.(previously amended) The process of Claim 64, wherein drying is accomplished by heating without reaching ignition temperature.

E3
75.(previously amended) The process of Claim 64, wherein the enhancer consists of potassium iodide.

76.(previously amended) A process of making enhanced activated carbon having an increased capacity for adsorbing chlorine in potable water, comprising:

E4
contacting the activated carbon with an aqueous solution having up to about 10% by weight of an enhancer comprising potassium iodide;
drying the activated carbon at a temperature of less than about 130° C until visibly dry; and

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E4
enhancing the activity of the activated carbon by heating at a temperature of at least 130° C for a time sufficient for producing enhanced activation.

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77.(currently amended) The process of Claim 64 76, wherein contacting is for a time sufficient to saturate the activated carbon with the enhancer.

78.(currently amended) The process of Claim 64 76, wherein drying and enhancing are accomplished by heating without reaching ignition temperature.

E6
79.(currently amended) The process of Claim 64 76, wherein the enhancer consists of potassium iodide.
